## WHAT IS CLAIMED IS:

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- 1. A seatbelt retractor, comprising a frictional clutching means equipped in a drum, which reduces rotating speed of a drum shaft where a webbing and a spiral spring are fixed in response to the expansion of said spiral spring during a retraction of the webbing.
- 2. A seatbelt retractor according to claim 1, wherein the frictional clutching means comprises:
- a first rod member slideabley inserted into a guide element so that the first rod member can slide through said guide element in accordance with expansion of a spiral spring, the first rod member being provided with a guide slot at the center thereof;
- a restoring spring installed at one end of said first rod member for elastically supporting said first rod member;
- a gear member pivotally fixed to a drum by a pivot shaft and slideabley connected to said guide slot by a guide pin; and,
- a second rod member that slideabley moves engaging with tooth of said gear member.
- 3. A seatbelt retractor according to claim 2, wherein the second rod member has a semicircular recess at one end thereof for contact with a circumference of the drum shaft.
- 4. A seatbelt retractor according to claim 3, wherein the second rod member is composed of two parts that are elastically supported with each other by a spring.
  - 5. A seatbelt retractor according to claim 2, wherein the second rod member is composed of two parts that are elastically supported with each other by a spring.
- 30 6. A seatbelt retractor, comprising:
  - a drum containing a rotatable drum shaft and a spiral spring acting between the drum and shaft, said shaft configured and dimensioned for winding a seatbelt webbing thereon; and
    - a frictional clutch operatively connected to said spiral spring and acting on said

drum shaft in response to an increase in diameter of the spiral spring.

- 7. The seatbelt retractor of claim 6, wherein said frictional clutch comprises: an actuator rod slidably mounted with the drum and bearing agains the spiral spring;
  - a friction rod bearing against the drum shaft;

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- a linkage operatively connecting the actuator rod and friction rod so as to apply pressure to the drum shaft in response to expansion of the spiral spring.
- 10 8. The seatbelt retractor of claim 7, further comprising a biasing element acting on said actuator rod to bias it against the spiral spring.
  - 9. The seatbelt retractor of claim 7, wherein said linkage comprises:
    - a gear segment privotably mounted between said rods;
    - a first end of said gear segment being acted on by said actuator rod; and
  - a second, geared end of said gear segment being engaged with gear teeth formed on said friction rod.
- 10. The seatbelt retractor of claim 7 wherein said friction rod comprises a first part and a second part with a biasing element acting therebetween.